

# Division of Waste Management

## Kentucky's Waste Tire Program

JR Holt

RAS Supervisor

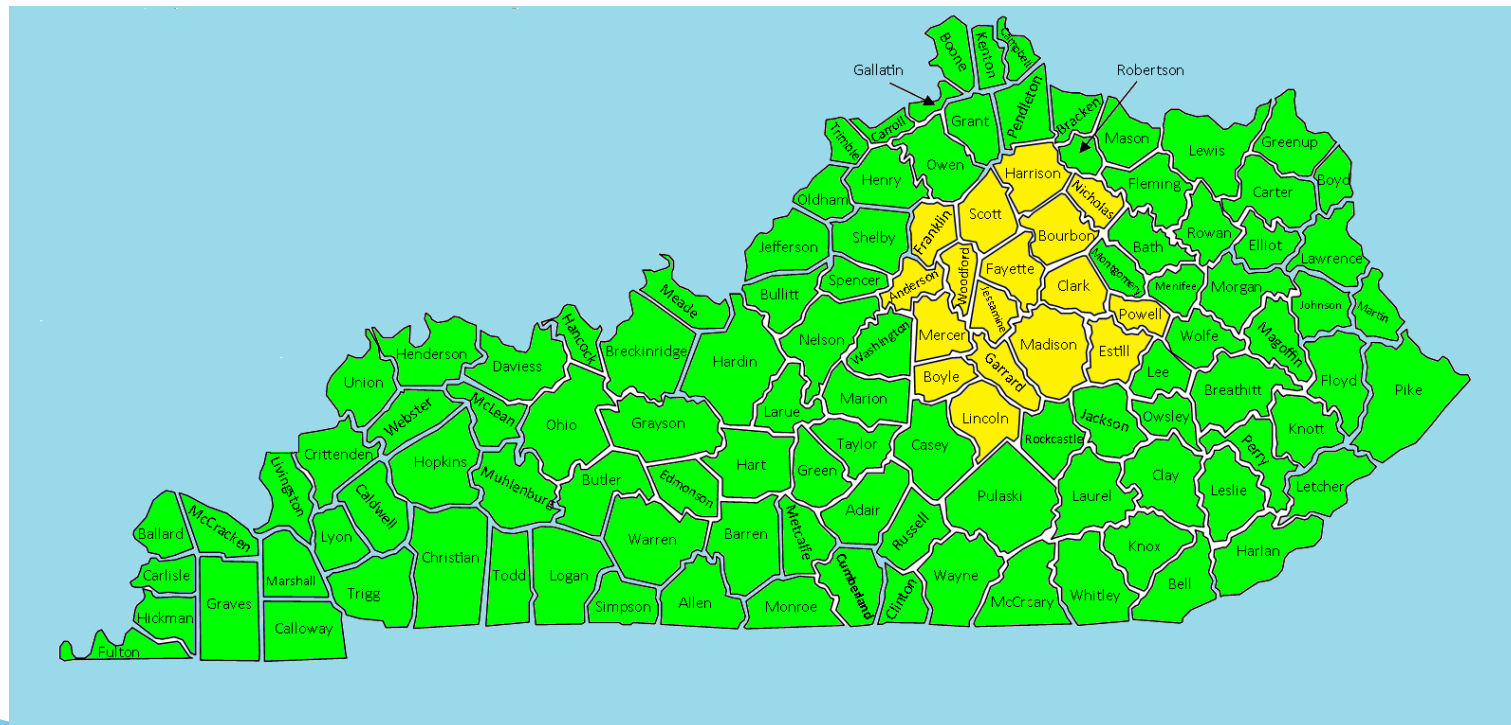


*To Protect and Enhance Kentucky's Environment*

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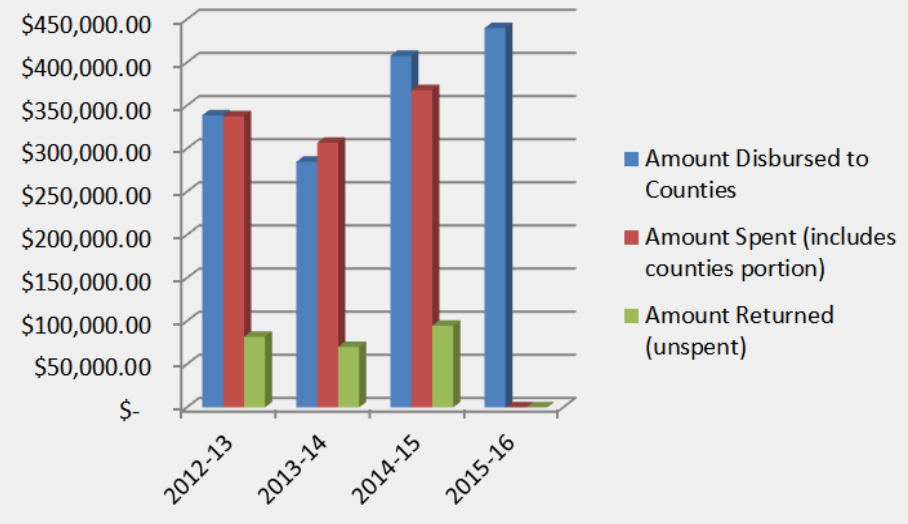
# Waste Tire Grant

Every three years, DWM oversees a 3-day waste tire collection event in each county. In 2011, the cabinet made a \$3,000 annual grant available to counties for the recycling or disposing of waste tires. In 2014, the grant funding was increased to \$4,000.

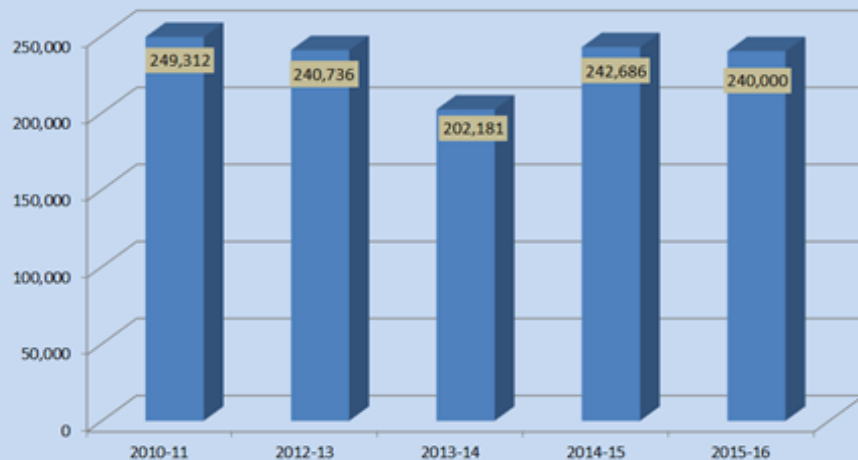


# Waste Tire Grant

Since the annual tire grant was made available Kentucky counties have applied for and received nearly \$1.5 million in funding.



Passenger Tire Equivalent Collected By Counties



As a result approximately 1.2 million passenger tires or passenger tire equivalents have been disposed of or recycled.



# Waste Tire Grant

The annual waste tire grant was created to assist counties with stray tires collected each year between their scheduled Waste Tire Collection Events.



**Division of Waste Management**





# Waste Tire Grant

Eligible expenses under this grant are the actual costs (up to \$4,000) that the county incurs during the grant period for the disposal or recycling of waste tires.



# Waste Tire Grant

## Disposal of Tires

Proper disposal or recycling of tires collected can be obtained through one of the many permitted tire disposal businesses around the state.

A list of permitted tire transporters can be found on our web site and you have a copy of the current list in your handouts.

<http://waste.ky.gov/RLA/grants>



# Why Worry About Waste Tires?





# Creative Tire Recycling





# Creative Recycling



Division of Waste Management

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# They Attract Pesky Critters





# Breeding Ground For Mosquitoes

**Although tire dumps are sometimes associated with rodents, the primary problem has been with various species of disease-carrying mosquitoes that like to breed in tires.**



**Tires partially fill with water regardless of their position and absorb sunlight, they provide an ideal environment for hatched larvae.**





The *Aedes aegypti* mosquito is a known Zika virus carrier and spends much of their time indoors so aerial spraying is often not effective.



These disease carrying insects can breed in as little as a teaspoonful of standing water.



# Fire Hazards



**Tire fires are typically fast-burning events, leading to almost immediate loss of control and notoriously difficult to extinguish.**

**Such fires produce a lot of smoke, which often carries toxic chemicals from the breakdown of rubber compounds while burning.**



# Recycling Used Tires

With scrap tires being generated at about the rate of one per person in the US, or about 300 million per year, the importance of tire recycling cannot be understated. Going back 100 years or so into the history of tires, tire recycling was a priority, with the price of an ounce of rubber rivaling the price of an ounce of silver.



That recycling motivation was derailed, however, by the introduction of synthetic rubber made from cheap imported oil, as well as by the adoption of steel belted radial tires which were much more challenging to recycle.





# Recycling Used Tires

**With today's technology, scrap tires are collected, processed and refined by size-reduction techniques designed to achieve a variety of particle sizes.**



# Recycling Used Tires

**Various mesh sizes of crumb rubber become the ideal raw material for a wide variety of applications, including molded rubber goods and adhesives.**





# Recycling Used Tires

**Tires are recycled through “beneficial end use” markets to become products such as tire-derived fuel or crumb rubber.**





# So how do you apply for a Waste Tire Grant?



# Applying for a Waste Tire Grant

## To Obtain a Waste Tire Grant Counties Must.....

- ✓ Submit a signed “Waste Tire Grant Agreement.”
- ✓ Return agreements to the office of Recycling and Local Assistance by July 1<sup>st</sup>.

**WASTE TIRE GRANT AGREEMENT**

\_\_\_\_\_ County hereby applies for grant funding pursuant to KRS 224.50-.880 for the management of waste tires as described below.

**The county understands and agrees to the following terms and conditions:**

- This Waste Tire Grant funding shall be used only for **actual costs** incurred by the county during the grant period for the **recycling or disposal** of waste tires. The grant period is **July 1, 2015 through June 30, 2016**.
- By **July 15, 2016** the county shall submit a completed “Report for Waste Tire Grant” and all receipts demonstrating actual costs incurred by the county during the grant period for the disposal or recycling of waste tires under this Waste Tire Grant.
- Waste Tire Grant funds not spent during the grant period shall be reimbursed to the Cabinet by **July 31, 2016**.


☐ +

County _____	Signature, _____ Head of Governing Body
Business Address: _____	City _____ Zip _____
Federal ID Number: _____	<input type="checkbox"/>

**Submit this Report by mail, fax, or email to:**

ATTN: Donna Conway  
Division of Waste Management  
200 Fair Oaks Lane, 2<sup>nd</sup> Floor  
Frankfort, KY 40601  
Email: [Donna.Conway@ky.gov](mailto:Donna.Conway@ky.gov)  
Fax: (502) 564-3492

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# Waste Tire Grant

## Grant Reporting Requirements

- By **July 15**, the county shall submit a completed and signed “Report for Waste Tire Grant” form as well as:
- The county must also submit all receipts for actual costs incurred under this Waste Tire Grant during the grant period.

**REPORT FOR WASTE TIRE GRANT**  
Grant Period: July 1, 2015 through June 30, 2016

This form should reflect only those costs that were paid, and the number or weight of the waste tires disposed or recycled, using WASTE TIRE GRANT FUNDING.

Total amount of grant money received: \$4,000

Total actual costs incurred by the county under this Waste Tire Grant during this grant period for the disposal or recycling of waste tires: (Report only actual costs for disposal or recycling. Do not report labor, equipment, or other costs.) \$

Total unspent grant funds being returned to the Cabinet with this report: If money is being returned, send a check for the amount made payable to the Kentucky State Treasurer. \$

Total number of tires, or total weight of tires in tons, disposed or recycled under this Waste Tire Grant during this grant period. You may report this number in whichever units (number or weight in tons) are used on your invoices/receipts. If you have a question about which units to use, or what number you should report, call JR Holt at 502-564-6716.

Total number of tires: \_\_\_\_\_ or Total weight of tires in tons: \_\_\_\_\_

Submit with this Report all invoices and receipts for actual costs incurred.


Signature, Head of Governing Body \_\_\_\_\_ County \_\_\_\_\_

Submit this Report by mail, fax, or email to:

ATTN: Donna Conway  
Division of Waste Management  
200 Fair Oaks Lane, 2<sup>nd</sup> Floor  
Frankfort, KY 40601  
Email: [Donna.Conway@ky.gov](mailto:Donna.Conway@ky.gov)  
Fax: (502) 564-3492

**THIS REPORT IS DUE JULY 15, 2016**

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# Waste Tire Grant

## Remember!

- Grant funds will only be disbursed after the county's previous Waste Tire Grant has been closed.
- **Keep in mind that all dates mentioned in this presentation are subject to change based on the availability of funds.**



# Waste Tire Grant

## Frequently Asked Questions

Q: Can I charge the public to take its tires if I accept State grant funds for tire collection and disposal?

A: No, you cannot use grant funds to dispose of tires for which a disposal fee has been accepted.



# Waste Tire Grant

## Frequently Asked Questions

**Q:** If my county is hosting a DEP waste tire collection event, can I bring my tires to the event?

**A:** Yes, the county can bring tires it has collected to a State funded collection event, provided it has not accepted a disposal fee. However, the county cannot “stockpile” tires between State collection events. Stockpiling/storing 100 or more tires would require the county to register as an accumulator and meet all the storage requirements of an accumulator.





# Waste Tire Grant

## Frequently Asked Questions

**Q:** If I find an illegal open dump containing a significant number of tires, can I use my grant funding to dispose of them?

**A:** It would be best to utilize the open dump grant to dispose of tires found in an open dump. Using your tire grant funds for these tires could quickly exhaust your funds for tires collected from the public.



# Questions?

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